BRUHATH BANGALORE MAHANAGARA PALIKE,
DASARAHALLI ZONE
Office of the Executive Engineer Dasarahalli Division

Schedule - B

BBMP/2021-22/OW/WORK_INDENT48512

NAME OF WORK: Improvements to Roads Drains and Other Maintenance Behind KSCMF Building and Surrounding area in Ward No 14 Bagalagunte - Call2

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Shri, NARAYANAPPA VENKATA REDDY	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per sp ecifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Wor	Cum	137.16	390.0	Rupees Three Hundred Ninety Only
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	1999.35	144.0	Rupees One Hundred Forty Four Only

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3	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	139.00	5997.0	Rupees Fi Thousand N Hundred Nin Seven Onl
4	Providing and laying palin / reinforced cement concrete for side drain using M20 nominal mix conncrete with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.43cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, well compacted for walls and bottom including centering,shuttering, cost of materials,HOM of machinery, curing etc complete excluding cost of steel as per MORTH Specification No. 1500,1700,2200 including cost of materials, labour, HOM & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	257.42	7544.0	Rupees Seve Thousand Fi Hundred For Four Only
5	TMT/MS Bar Reinforcement KSRRB M2200-6. Supplying, fitting and placing TMT bar reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 - TMT Bars Fe 500 & With all lead & lift charges & complete the work as per direction of Engineer In-Charge of Work	Tonne	17.10	75900.0	Rupees Seven Five Thousan Nine Hundre Only
6	Providing & fixing Precast RCC slab of 100mm thick for drain in cement concrete 1:1:5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortar including from work lift charges, curing and concrete finished surface on both side etc.(APPROVED DATA RATE COPY ATTACHED) & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Sqm	928.80	1694.0	Rupees One Thousand Si Hundred Nine Four Only

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7	Removing and resetting of footpath slab & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Sqm	990.00	219.0	Rupees Two Hundred Nineteen Only
8	Providing ruled pointing to stone slab pavements with cement mortar 1:3, 20mm deep, after raking joints , including cost of materials, labour, curing complete as per specifications. & With all lead & lift charges & complete the work as per direction of Engineer In-Charge of Work	Sqm	990.00	51.0	Rupees Fifty One Only
9	Providing & Fixing Precast RCC slab of 250mm thick for culverts made of plain/reinforced cement concrete desigh mix M25 with OPC @ 340 Kgs with 20mm and down size graded granite metal course aggregates @ 0.70 cum and fine aggregates @ 0.47 cum. with super plasticizer @ 3lts confirming to 189103-1999 Reaffirmed-2008m open foundation complete as per drawing and technical specification including cost of all materials, Labour, HOM curing form works, scaffoiding and centering complete as per specification and pointing for joints 1:3 cement mortor including form work. lift charges, curing and concrete finished surfacess on both sides etc., complete and as per the direction of Engineer in- Charge.(APPROVED DATA RATE COPY ATTACHED) & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Sqm	77.76	4835.0	Rupees Four Thousand Eight Hundred Thirty Five Only

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10	KSRRB M600-1. Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub-base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601-do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fineaggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	199.05	4143.0	Rupees F Thousand Hundred F Three O
11	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) & With all lead & lift charges & complete the work as per	Cum	233.25	5618.0	Rupees F Thousand Hundred Eig Only

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12	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road ITEM no. 17.4 , KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (15 KM lead taken & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	2136.51	165.0	Rupees One Hundred Sixty Five Only
13	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. 40 mm jelly & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	0.87	1995.0	Rupees One Thousand Nine Hundred Ninety Five Only
14	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications 20 mm jelly & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	0.87	1995.0	Rupees One Thousand Nine Hundred Ninety Five Only
15	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications Course Sand & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	0.65	2781.0	Rupees Two Thousand Seven Hundred Eighty One Only
16	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications Fine Sand & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	0.43	2781.0	Rupees Two Thousand Seven Hundred Eighty One Only

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17	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications 12.5 mm chips & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Cum	0.65	1995.0	Rupees Thousand Hundred Five 0
18	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for : HDPE Grade & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Rmtr	12.60	13200.0	Rupees T Thousand Hundred
19	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge. & With all lead & lift charges & complete the work as per direction of Engineer-In-Charge of Work	Sqm	2.17	2000.0	Rupees Thousand

N. Venkatesh
Signature of the Contractor

Executive Engineer,
Dasarahalli Division,

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